

ABSTRACT OF THE DISCLOSURE

A dielectric reproducing apparatus is provided with: a probe
for applying an electric field to a dielectric material of a dielectric
5 recording medium; a return electrode for returning the electric field
applied from the probe; an inductor placed between the probe and the
return electrode; an oscillator which oscillates at a resonance
frequency determined from the inductor and a capacitance formed in
the dielectric material just under the probe; an alternating current
10 (AC) signal generation device for generating an AC signal which is
applied to the probe; a frequency modulation (FM) demodulator for
demodulating a FM modulation signal modulated by the capacitance
corresponding to the polarization state owned by the dielectric
material just under the probe; and a phase-shift keying (PSK)
15 demodulator for reproducing data from the demodulated signal.